

Phenix Company of California

1619 S. Minnie St.
 Santa Ana CA 92707
 www.phenixcontrols.com

Tel: (714) 547-4316
 Fax: (714) 547-4338
 Email: info@phenixcontrols.com

Product Overview

Inverters

The Phenix Company supplies a line of inverters to meet all applications where motor control or frequency conversion is required. The items below are standard units. Other models are available to meet your specific applications.

DESIGNED FOR USE IN:

- Motor-driven process control
- Fans
- Blowers
- Conveyors
- Automated systems
- Air conditioning
- Automotive applications

FEATURES:

- Power ranges 10W-10KW
- Automatic volts-per cycle compensation
- Adjustable frequency range
- Ramp startup
- Voltage-to-frequency interface available
- Rugged construction
- A variety of connector styles available



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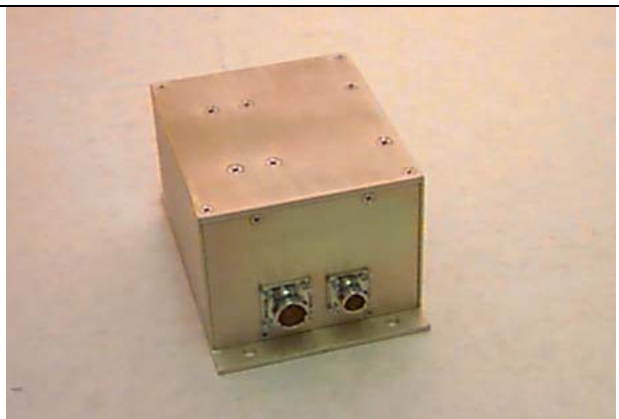
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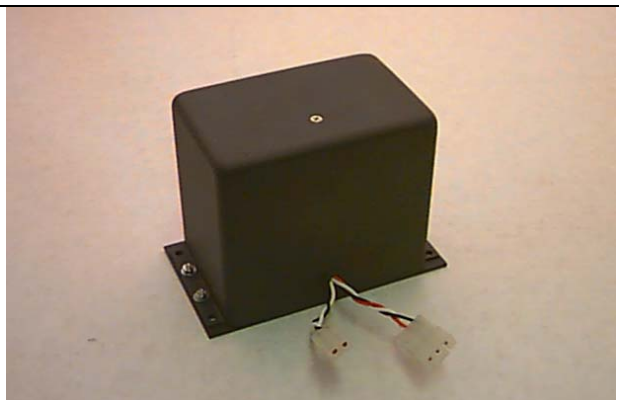
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Product Overview

Model 7885 DC to AC
V In - 28VDC
V Out - 200Vrms 3Ø
Power Out - 40 Watts @ 400 Hz
Frequency Range 200 - 600 Hz
Ramp Time (to 400 Hz) - 10 Seconds
Size - 3.0" x 4.0" x 5.5"



Model 7928 AC to AC
V In - 115VAC 50/60 Hz
V Out - 115VAC 400 Hz
Power Out - 500 Watts
Frequency Range - 200 - 600 Hz
Ramp Time (to 400 Hz) - 10 Seconds
Size - 6.25" x 4.50" x 3.50"



Model 7795 AC to AC
V In - 115VAC 1 Ø
V Out - 115VAC 3 Ø
Power Out - 275 Watts
Frequency Range 200 - 600 Hz
Ramp Time (to 400 Hz) - 10 Seconds
Locked Rotor Current - 5.6A max.
Power Dissipation - 10 Watts
MTBF - 25,000 Hours @ 60° C
Size - 4.75" x 3.50" x 3.30"



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Product Overview

Model 7720 AC to AC

V In - 115V / 230VAC 1Ø

V Out - 200VAC 3Ø

Power Out - 1 KW

Efficiency - 96%

Frequency Range 200 - 600 Hz

Ramp Time (to 300 Hz) - 7 Seconds

MTBF >15,000 Hours

Size - 10" x 5" x 4"



Model 7705 AC to AC

V In - 200-240VAC 3Ø

V Out - 208-240VAC 3Ø

Power Out - 1500W

Frequency Range 200 - 600 Hz

(Varies linearly with DC input)

Ramp Time (to 400 Hz) - 10 Seconds

Size - 14" x 5" x 4"

NOTE: Output frequency can be made to vary with altitude when used in conjunction with an altitude sensor.

